
 the barrier layer. Hence, the vacuum heat insulator of the embodiment can maintain the excellent heat insulating performance for a long period as a heat insulator of the device having high temperature.

In the foregoing explanation, as the support layer 103, polyphenylene sulfide or polyethylene naphthalate is used, but other plastic resins as listed in Table 1 may be also used.--

IN THE CLAIMS:

Please cancel claims 5, 6, 17 and 18.

Please amend claims 1-4, 13, 14, 15 and 16 as follows:

-  1. (Amended) A vacuum heat insulator comprising:
a laminate bag, and an insulating core disposed in said laminate bag,
said inside of said laminate bag evacuated to vacuum,
said laminate bag comprising a laminate film,
said laminate film comprising a support layer, a deposition layer formed on a surface of the support layer, a protective layer formed on a surface of the deposition layer, and a seal layer,
said deposition layer is formed of at least one material of metal and metal oxide,
and
said laminate film comprising at least one feature selected from the group

consisting of:

(i) said support layer comprising a plastic film having a glass transition point of 87°C or higher,

(ii) said protective layer comprising a plastic film having a glass transition point of 87°C or higher,

(iii) said deposition layer comprising a property of transmitting a high frequency magnetic field, and

(iv) said laminate bag comprising a seal portion formed by junction of the seal layer and the laminate film.

2. (Amended) A vacuum heat insulator comprising:

a laminate bag, and an insulating core disposed in said laminate bag,

said inside of said laminate bag evacuated to vacuum,

said laminate bag comprising a laminate film, and

said laminate film comprising a support layer and a deposition layer comprising at least one of metal and metal oxide, said deposition film disposed on said support film

said support layer comprising a plastic film having a glass transition point of 87°C or higher.

3. (Amended) The vacuum heat insulator of claim 2, wherein said plastic

film comprises at least one of polyethylene terephthalate and polyphenylene sulfide.

4. (Amended) The vacuum heat insulator of claim 2, wherein said plastic film comprises at least one of polycarbonate and polyimide.

13. (Amended) A vacuum heat insulator comprising:
a laminate bag, and an insulating core disposed in said laminate bag,
said inside of said laminate bag evacuated to vacuum,
said laminate bag comprising a laminate film,
said laminate film comprising a support layer, a deposition layer comprising at
least one of metal and metal oxide, said deposition film formed on said support film and
a protective layer disposed on said deposition layer, and
said protective layer comprising a plastic film having a glass transition point of
87°C or higher.

14. (Amended) The vacuum heat insulator of claim 13, wherein said support layer comprises a plastic film having a glass transition point of 87°C or higher.

15. (Amended) The vacuum heat insulator of claim 13, wherein said plastic film comprises at least one of polyethylene terephthalate and polyphenylene sulfide.